

Motor Tool Specialty Company

School Service and Educational Division

Sales Branches and Warehouses in 28 Principal Cities—Over 325 Salesmen General Offices, 14 E. Jackson Blvd., Chicago

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Exclusive Distributors for
SNAP-ON WRENCH CO.

Milwaukee, Wis.
BLUE POINT TOOL CO.

Milwaukee, Wis.
 and Associate Factories
 Manufacturers of

Montreal, Que., Can. 1008 La Gauchetiere St., West
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Snap-On Socket Wrenches, Blue Point and Other Mechanics' Tools

The aim of every instructor in auto mechanics is naturally to employ, as nearly as possible, in the school shop, the same methods and equipment that are used in industry. This is obviously important, in order that the student shall be working under conditions as they actually exist in commercial practice.

Speed—with safety—is the keynote of modern production in the automobile industry, and the use of efficient, economical hand tools is an important factor. Slow, inefficient, unsafe hand tools have no place in modern shops and have been practically eliminated.

The automobile industry was first to adopt socket wrenches for the majority of nut turning operations. Not because socket wrenches are especially designed for automobile service, but because of their greater safety, speed and adaptability to the work. Their time saving and safety

features in repair, maintenance and assembly in other lines also have come to be recognized during the past several years and they are now rapidly coming into general use throughout all industry.

In the light of the above facts we made a survey of the hand tool equipment in many school shops in different parts of the country and gave careful study to their needs. We then selected from the complete lines of Snap-On wrenches, Blue Point and other hand tools, the tools especially adapted for school shops. With the tools we offer a plan of supply and of service which we believe the instructor of industrial arts and vocational education will consider as being of real and definite value to him in properly equipping his shop. It will enable him to obtain the most useful variety of the best quality equipment for any given amount of money he has to spend.

Snap-On-Wrenches

Snap-on
 INTERCHANGEABLE
 Socket Wrenches

Snap-On-Wrenches are used and recommended by more good mechanics in America than any other tools of their kind. The line consists of a complete

range of dependable socket wrenches, which are made to interchange on the various wrench handles and attachments. Any required type of socket wrench to fit hexagon and square nuts and cap screws of all sizes is thus provided at a very low cost per wrench.

Genuine Snap-On Wrenches and Blue Point Tools can only be purchased through Sales Branches listed above. A branch is always glad to send a salesman to a school immediately upon inquiry.

Details of Construction

Snap-On sockets are machined from solid bars of Chrome Vanadium or special alloy steels famous for toughness and durability. They are carefully broached to accurate size, tapered to thin walls for maximum efficiency in operation, and heat treated to give unlimited service. There is no comparison between the lasting qualities of a Snap-On and the ordinary makes of sockets. Snap-On handles are made from special analysis steel, correctly designed and perfectly balanced for free and speedy action. All units have a non-rust nickel finish. The illustration shows the way a Snap-On socket snaps on to a handle. The spring backed ball locks it firmly and the two ball stops on the shank hold it in place. The socket and handle fit so firmly that they are just as strong as if made in one piece. These features allow a mere handful of interchangeable wrench units to do the work of ten times as many one-piece wrenches, and cost but a fraction of what the ordinary solid type socket wrenches would cost. By application of this interchangeable principle to the various types of wrench handles, attachments, and complete range of hexagon and square sockets you can make an enormous number of useful wrenches which will reach, fit and turn nuts and bolts in all sorts of positions and hard to reach locations. Every Snap-On Unit is guaranteed against defects in workmanship and materials for one year from date of purchase.



Blue Point Tools

BLUE POINTS
 CHICAGO

Blue Point Open End and Tappet Wrenches, Punches, Chisels, Screw Drivers and other hand tools are com-

parable to Snap-On in quality and service. Their wide popularity in the industry is the highest possible recommendation for them. End wrenches are made of special analysis, manganese tool steel, tappet wrenches of Chrome Vanadium tool steel, and all carefully heat treated and finished. Blue Point punches and chisels are hammer forged from the finest Swedish tool steel and processed in such manner as to assure lasting quality and dependability.



Their Place in the School Shop

Snap-On-Wrenches and Blue Point tools find their greatest application in the school auto mechanics shop, though have a place in the school machine shop, sheet metal shop, electrical shop, wood shop and print shop.

A big source of tool loss in the school shop is the breakage of hand tools of inferior quality. They are also dangerous. Ill fitting wrenches slip, skinning knuckles, chisel and punch splinters fly about and endanger the boy's eyesight. Snap-On and Blue Point tools are made so sturdily that they can be used with safety by class after class. Cheap, inefficient wrenches are particularly detrimental to equipment, due to the rounding and chewing up of nuts and bolt heads as the machines are constantly torn down and then built up again. Snap-On sockets fit the nuts accurately on all sides and cannot damage them, nor slip off and injure the user, even on the hardest pull.

In the machine shop, Snap-On-Wrenches are particularly valuable when servicing machine tools. Blue Point tools find their greatest application in dependable and sure cutting bench tools.

In the wood shop, Snap-On Sockets are very adaptable, safe and handy when servicing woodworking machinery.

In the electrical shop, Snap-On Sockets tighten the fastenings of motors and dynamos safely and surely.

Motor Tool Specialty Company, 14 E. Jackson Blvd., Chicago

Motor Tool Specialty Company, Continued

The Snap-On School Shop Student Set

In recent years a number of progressive school systems have been experimenting with the idea of providing for every boy in the various school shops an individual tool kit. In most cases the idea has proved so successful that it has now been made permanent. The individual tool kit allows a better opportunity to stimulate self-reliance, care and appreciation of tools since it makes the individual student responsible for his tools. At the end of the school year the student's deposit on the tools is returned and if any loss has occurred a deduction is made to compensate for such loss.



Replacement Prices	
1—S-10 Sliding Tee and Offset.....	\$1.10
1—S-12 Extension Bar, 10".....	.85
6—Hexagon Sockets.....	2.30
	\$4.05
Strong metal case, black lacquer finish.....	\$1.00
	\$5.05
Special School price, when sold in lots of six or more sets and for educational purposes only, each.....	
	\$4.00

an extension bar which is used with the sliding tee to form an ell wrench or a long tee wrench. The six sockets that are most often used in the school shop are included and are made to interchange on these handles to give the boy thirty practical wrench combinations with these eight wrench units. School auto shop instructors have approved and considered this combination as solving a very perplexing and otherwise costly problem.



The Schoolshop Toolroom Set will be found particularly attractive when tools are checked in and out of a toolroom by means of the check system.

school shops use to the greatest extent. Additional units which the instructor finds a need for can be added as required. Set contains seventy-five units.

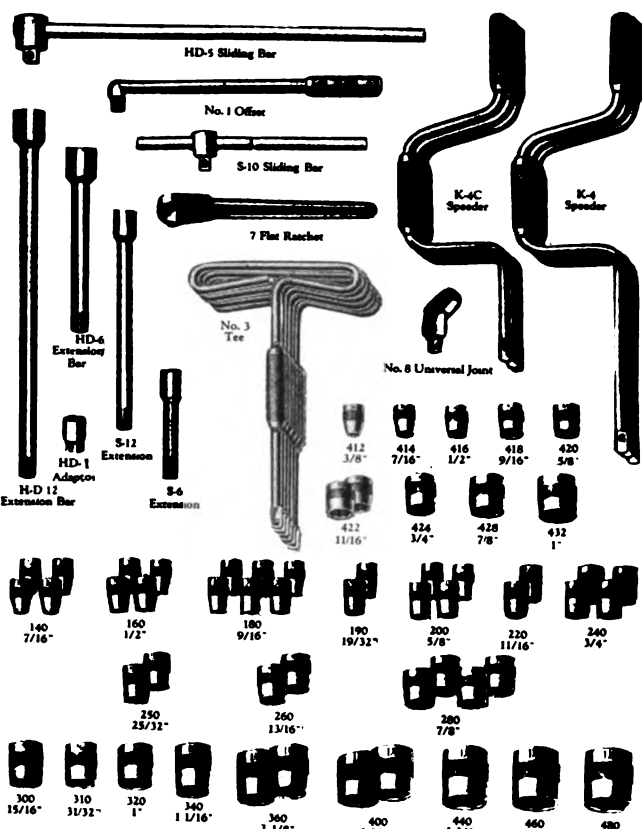
Genuine Snap-On Wrenches and Blue Point Tools can only be purchased through Sales Offices listed on page 187.

"Snap-On" has assisted automobile manufacturers for years in the making up of socket wrench sets appropriate for servicing their cars. Consequently until the "Snap-On" Wrench Co. determined upon an individual school set as a logical part of school shop student's kit, there have been available only such wrench sets that were primarily designed for the automobile factory, the automobile repair shop, and the automobile owner. We now offer an individual set designed especially for the school automobile shop student.

"Snap-On" School Shop Student Set consists of a combination offset and sliding tee handle, an extension bar which is used with the sliding tee to form an ell wrench or a long tee wrench. The six sockets that are most often used in the school shop are included and are made to interchange on these handles to give the boy thirty practical wrench combinations with these eight wrench units. School auto shop instructors have approved and considered this combination as solving a very perplexing and otherwise costly problem.

Snap-On School Shop Toolroom Assortment

A socket wrench set that possesses only one wrench handle of a kind when actually three to a half dozen are in demand at the same time does not serve the purpose. These were facts brought out in our school survey, and then we had school auto shop instructors experiment until an efficient combination of both handles and sockets was determined. In this specially selected assortment duplication has been made of those particular parts of the standard sets that the



Designed as a tool room set. Supplies complete socket wrench equipment.

Replacement Prices		Replacement Prices	
1—H.D.-5 Sliding Tee, 18".....	\$1.80	2—190, 1 1/4" Hex. Sockets.....	.35 .70
1—No. 1 Offset.....	1.00	4—200, 1 1/2" Hex. Sockets.....	.40 1.60
1—S-10 Sliding Tee.....	1.10	2—220, 1 3/8" Hex. Sockets.....	.40 .80
1—No. 7 Ratchet.....	3.00	4—240, 1 1/2" Hex. Sockets.....	.40 1.60
1—H.D.-12 Extension Bar, 16".....	1.55	2—250, 1 3/4" Hex. Sockets.....	.45 .90
1—H.D.-6 Extension Bar, 8".....	1.25	2—260, 1 3/8" Hex. Sockets.....	.45 .90
1—S-12 Extension Bar, 10".....	.65	4—280, 1 3/4" Hex. Sockets.....	.45 1.80
1—S-6 Extension Bar, 5".....	.60	1—300, 1 1/2" Hex. Socket.....	.50
1—H.D.-1 Adapter.....	.50	1—310, 1 1/4" Hex. Socket.....	.50
1—No. 8 Universal.....	1.65	1—320, 1 1/2" Hex. Socket.....	.50
3—K-4C Speeder, 15".....	\$1.35 4.05	1—340, 1 1/4" Hex. Socket.....	.65
3—K-4 Speeder, 19".....	1.35 4.05	2—360, 1 1/2" Hex. Sockets.....	.70 1.40
6—No. 3 Tee, 12".....	1.00 6.00	1—400, 1 3/8" Hex. Sockets.....	.70 1.40
1—412, 3/8" Sq. Socket.....	.30	1—440, 1 3/4" Hex. Socket.....	.80
1—414, 7/16" Sq. Socket.....	.30	1—460, 1 1/2" Hex. Socket.....	.80
1—416, 1/2" Sq. Socket.....	.35	1—480, 1 1/4" Hex. Socket.....	1.00
1—418, 5/8" Sq. Socket.....	.40		
1—420, 3/4" Sq. Socket.....	.40		
2—422, 1 1/8" Sq. Sockets.....	\$0.40 .80		
1—424, 3/4" Sq. Socket.....	.50		
1—428, 7/8" Sq. Socket.....	.50		
1—432, 1" Sq. Socket.....	.60		
4—140, 7/16" Hex. Sockets.....	.35 1.40		
4—160, 1/2" Hex. Sockets.....	.35 1.40		
6—180, 9/16" Hex. Sockets.....	.35 2.10		

\$52.05

Special school price when used for educational purposes only.....\$39.00

Snap-On School Shop Toolroom Cabinet

This cabinet has been designed to hold a variety of Snap-On Sockets and Snap-On handles in a convenient and readily accessible arrangement. The instructor can by simply opening the drawers and the doors of the cabinet, readily check and immediately determine what items are missing. Price of cabinet when purchased with the above tool room equipment or any of the tool budgets on following pages. Each \$10.00.

All prices are subject to change without notice.

Write for complete catalog

Motor Tool Specialty Company, 14 E. Jackson Blvd., Chicago

Motor Tool Specialty Company, Continued

Tool Budget Plan

As a result of our school shop survey the following budgets are suggested in order to provide instructors and supervisors with a convenient means whereby Snap-On Wrenches and Blue Point tools can be made part of school shop equipment. Varying amounts of money are usually available. Snap-On equipment is such that you can start with a small set of handles and sockets and, in view of the interchangeable feature, keep adding new units as you need them. The fact that tools other than socket wrenches are also available enables you to have in your school shop a uniform outfit made by one factory, always up-to-date,

Twenty-five Dollar Budget No. 1

The following list of equipment will provide an outfit that will permit a small class in a small shop to work comfortably. The socket wrench equipment is based on what is known as the Master Service Set, with such Blue Point open end wrenches, tappet wrenches and other tools that are vitally necessary. The tools are as follows:

Quantity	Replacement Prices
1—Master Service Set, Snap-On Wrenches consisting of the following tools:	
1—No. 1 Offset.....	\$ 1.00
1—No. 10 Sliding Tee.....	1.10
1—No. 7 Ratchet.....	3.00
1—No. K-4, 19" Speeder.....	1.35
1—No. K-4-C, 15" Speeder.....	1.35
1—No. 3 Tee.....	1.00
1—No. S-6 Extension, 5".....	.60
1—No. S-12 Extension, 10".....	.65
10—Hex. Sockets, $\frac{1}{8}$ ", $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $1\frac{1}{8}$ ", $1\frac{1}{4}$ ", and $1\frac{1}{2}$ " openings	3.95
No. 8 Universal joint.....	1.65
Master Service Set complete.....	\$15.65



Snap-On Universal Joint
Used with any handle and works freely at nearly a 90° angle. Included in Master Service Set.

Quantity	Replacement Prices
1—SW-1200 Set of hexagon sockets additional (see below)....	\$ 6.25
1—Set No. BPR-8 Open End wrenches as follows:	
$\frac{1}{8}$ ", $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $1\frac{1}{8}$ ", and $1\frac{1}{4}$ ".....	6.90
1—No. T-1820 Tappet wrench; $\frac{1}{8}$ " opening on straight end, $\frac{1}{4}$ " opening on angle end.....	.90
1—No. T-2018 Tappet wrench, with same openings reversed..	.90
1—No. 8 Adjustable wrenches, 8", at 80¢ each.....	.80
2—No. 6 Adjustable wrenches, 6".....	1.30
1—Blue Point Feeler Gauge.....	1.00
	\$33.70

Special School Price; sold as a Set—for educational purposes only 25.00



Blue Point Open End Wrench Set No. BPR-8
Eight wrenches for popular S. A. E. sizes from $\frac{1}{8}$ " to $1\frac{1}{4}$ " thread diameters.

Fifty Dollar Budget No. 2

This tool equipment is based on the School Shop Tool Room Set and a few of the most widely used Blue Point Tools.

Quantity	Replacement Prices
1—Snap-On School Shop Tool Room Set.....	\$52.05
1—No. BPR-8 Set Open End Wrenches (See Budget No. 1).....	6.90
1—No. T-1820 Tappet Wrench.....	.90
1—No. T-2018 Tappet Wrench.....	.90
1—No. SR-14 Chisel and Punch Set.....	6.75
	\$67.50

Special School Price, when sold as a Set—and for educational purposes only \$50.00

Fifty Dollar Alternative Budget No. 2-A

Quantity	Replacement Prices
1—Snap-On Master Service Set (See Budget No. 1).....	\$15.65
1—SW-1200 Set of hex. sockets additional..	6.25
1—No. BPR-8 Set Open End Wrenches.....	6.90
1—No. RA-1820 Wrench (See Budget No. 2)	1.00
1—No. T-1820 Tappet Wrench (See No. 1)	.90
1—No. T-2018 Tappet Wrench (See No. 1)	.90
2—No. 8 Diamond Adjustable Wrenches, 8", at \$0.80.....	1.60
1—No. 10 Pipe Wrench, 10".....	1.45
1—47-A 7" Comb. Pliers.....	1.50
1—No. SR-14 Set Blue Point Chisels and Punches (See Budget No. 4).....	6.75
3—No. 181½ Screw Drivers (See No. 3-A).....	.75
3—No. 142 Screw Drivers (See No. 3-A).....	1.35
2—No. X-144 Screw Drivers (See No. 3-A).....	1.10
2—No. 8 Screw Drivers (See No. 3-A).....	3.00
1—No. 4-0 Ball Pean Hammers, 6 oz., at \$1.30.....	1.30
2—No. 2 Ball Pean Hammers, 1½ lbs. at \$1.55.....	3.10
1—No. A-2 Set Blue Point Two-way Gear Pullers.....	13.30
	\$66.80

Special School Price, when sold as a Set, and for educational purposes only \$50.00

SW-1200 Set, Extra Thin, Straight Walled Hexagon Sockets. Double broached. $\frac{1}{8}$ " to 1" openings.

Genuine Snap-On Wrenches and Blue Point Tools can only be purchased through Sales Offices listed on page 187.

guaranteed as to quality and backed by a national service which insures keeping your equipment always in perfect working condition.

The following budgets will allow the instructor to know just how he can allot to advantage the money allowed him. Seven different tool lists and some alternatives have been prepared.

In each instance the fact was kept uppermost that each list should constitute the best working equipment for the amount of money available.

Seventy-five Dollar Budget No. 3

This budget is based on the outfitting of twelve students with the Individual Students' Sets. This socket wrench equipment is supplemented by additional socket wrench equipment in order to provide complete nut turning service. The budget also provides for twelve pupils the tools necessary for an extensive course in auto mechanics. One alternative is offered substituting the Individual Sets for the School Shop Tool Room Set, with a subsequent change in other small tools available.

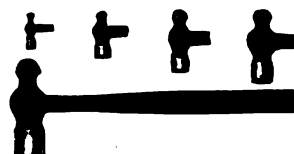
Quantity	Replacement Prices
12—Snap-On School Shop Students' Sets at \$5.05 (See preceding page).....	\$60.60
Additional Snap-On Wrench Units	
9—Sizes of Square Sockets, $\frac{1}{8}$ ", $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $1\frac{1}{8}$ " openings No. 900 Set.....	3.70
1—No. 3 Tee.....	1.00
1—No. K-4 Speeder.....	1.35
1—No. 7 Ratchet.....	3.00
1—No. HD-1 Adaptor (For adapting Heavy Duty Sockets to standard handles).....	.50
1—No. 8 Universal.....	1.65
1—No. HD-5 Heavy Duty Sliding Tee, 18".....	1.80
1—No. HD-12 Heavy Duty Extension, 16".....	1.55
8—Heavy Duty Hexagon Sockets in the following sizes: $\frac{1}{8}$ ", $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $1\frac{1}{8}$ ", $1\frac{1}{4}$ ", $1\frac{1}{2}$ " openings.....	5.15
	Blue Point Tools

2—No. 181½ Screw Drivers at \$0.25 (See Budget No. 3A)....	.50
2—No. X-144 Screw Drivers at \$0.55 (See Budget No. 3-A)....	1.10
1—No. 4-0 Ball Pean Hammer, 6 oz.....	1.30
1—No. 2 Ball Pean Hammer, 1½ lb.....	1.55
1—Set of 8 Open End Wrenches, including the following numbers and sizes: No. 1214 ($\frac{1}{8}$ "- $\frac{1}{4}$ "), No. 1416 ($\frac{1}{4}$ "- $\frac{3}{8}$ "), No. 1619 ($\frac{3}{8}$ "- $\frac{1}{2}$ "), No. 1820 ($\frac{1}{2}$ "- $\frac{5}{8}$ "), No. 2024 ($\frac{5}{8}$ "- $\frac{3}{4}$ "), No. 2225 ($\frac{3}{4}$ "- $\frac{7}{8}$ "), No. 2428 ($\frac{7}{8}$ "- $1\frac{1}{8}$ "), No. 3236 ($1\frac{1}{8}$ "- $1\frac{1}{4}$)	8.15
1—No. BT-8 Set Tappet Wrenches, No. T-1416 ($\frac{1}{8}$ "- $\frac{1}{4}$ "), No. T-1614 ($\frac{1}{4}$ "- $\frac{3}{8}$ "), No. T-1820 ($\frac{3}{8}$ "- $\frac{1}{2}$ "), No. T-2018 ($\frac{1}{2}$ "- $\frac{5}{8}$ "), No. T-2224 ($\frac{5}{8}$ "- $\frac{3}{4}$ "), No. T-2422 ($\frac{3}{4}$ "- $\frac{7}{8}$ "), No. T-2628 ($\frac{7}{8}$ "- $1\frac{1}{8}$ "), No. T-2826 ($\frac{1}{2}$ "- $\frac{3}{4}$)	7.80
	\$100.70

Special School Price, when sold as a Set—and for educational purposes only 75.00



Right Angle wrenches
Four wrenches, for close quarters—3 sizes.



Blue Point Ball Pean Hammers
A quality line in twelve different weights from 2 oz. to 3 lbs.

Seventy-five Dollar Alternative Budget No. 3-A

Quantity	Replacement Prices
1—Snap-On School Shop Tool Room Set (See preceding page).....	\$ 52.05
1—No. 69 Snap-On Ferret Set (Illustrated on next page).....	14.75
1—Set of 9 Open End Wrenches, including the 8 numbers in budget No. 3, with the No. 1618 ($\frac{1}{2}$ "- $\frac{5}{8}$ ") wrench added.....	8.90
1—Set, 8 Tappet Wrenches (See Budget No. 3).....	7.80
3—No. 181½ Screw Drivers, blade 1½" long, $\frac{1}{4}$ " edge, at \$0.25.....	.75
3—No. 142 Screw Drivers, blade 2" long, $\frac{1}{4}$ " edge, at \$0.45.....	1.35
3—No. 8 Screw Drivers, solid shaft, blade 8" long, at \$1.50.....	4.50
3—No. X-144 Screw Drivers, solid shaft, blade 4" long, at \$0.55.....	1.65
2—No. 4-0 Ball Pean Hammers, 6 oz., at \$1.30.....	2.60
4—No. 2 Ball Pean Hammers, 1½ lbs., at \$1.55.....	6.20
1—No. 6 Diamond Adjustable Wrench, 6".....	.65
	\$101.20

Special School Price, when sold as a Set—and for educational purposes only \$75.00

When studying budgets, use our standard catalog as a guide.

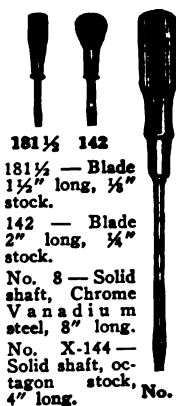
Double Broached Hexagon Sockets
—Same general design as standard hex. sockets, but more practical where handle movement is limited.

Motor Tool Specialty Company, 14 E. Jackson Blvd., Chicago

Motor Tool Specialty Company, Continued

One Hundred Dollar Budget No. 4

This budget is based on eighteen students and primarily suggests the Individual Students Sets. Such other tools as are most used in the auto shop are included. One alternative list is offered.



181 1/2 142
181 1/2 — Blade
1 1/2" long, 1/4"
stock.
142 — Blade
2" long, 1/4"
stock.
No. 8 — Solid
shaft, Chrome
Vanadium
steel, 8" long.
No. X-144 —
Solid shaft, oc-
tagon stock,
4" long.

Quantity	Replacement Prices
18—Snap-On School Shop Student Sets	\$ 90.90
24—Additional Snap-On Wrench Units (See Budget No. 3)...	19.70
4—No. 181 1/2 Screw Drivers at \$0.25	1.00
4—No. 142 Screw Drivers at \$0.45	1.80
4—No. 8 Screw Drivers at \$1.50	6.00
4—No. X-144 Screw Drivers at \$0.55	2.20
2—No. 0-4 Hammers, 6 oz., at \$1.30	2.60
6—No. 2 Hammers, 1 1/2 lb. at \$1.55	9.30
	\$133.50

Special School Price, when sold as a Set—and for educational purposes only\$100.00

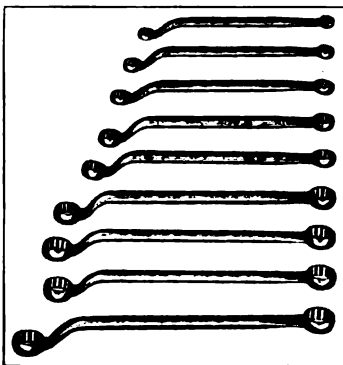
One Hundred Dollar Alternative Budget No. 4-A

Quantity	Replacement Prices
1—Snap-On School Shop Tool Room Set.....	\$2.05
1—No. SW-1200 Set Extra Thin Straight Walled Hexagon Sockets additional.....	6.25
1—Set of 8 Open End Wrenches (See Budget No. 3).....	8.15
1—Set of 8 Tappet Wrenches (See Budget No. 3).....	7.80
1—No. 1-6 Set, 6 sizes of Ignition Wrenches in kit bag.....	3.80
16—Screw Drivers (See Budget No. 4).....	11.00
8—Hammers (See Budget No. 4).....	11.90
1—No. 49 Pliers, 9" Adjustable Side Joint.....	2.25
1—Valve Tool.....	7.50
1—Blue Point Feeler Gauge.....	1.00
1—No. 2-A Set Blue Point Gear Pullers.....	13.30
1—SR-16 Set Blue Point Chisels and Punches, 16 assorted sizes, as illustrated.....	7.80
	\$132.80

Special School Price, when sold as a set—and for educational purposes only\$100.00

One Hundred Twenty-five Dollar Budget No. 5

This selection of tools includes the School Shop Tool Room Set, with additional hand tools necessary for a class consisting of twelve to fifteen students.



Blue Point Boxocket Wrenches—For hard to reach nuts. Long leverage, made of Chrome Vanadium steel.
No. X-9 Set — 1/4" to 1 1/2" double broached hexagon openings.

2—RB-10 Rivet Buster.....	1.80
1—No. 1658 Jimmy Bar, 16".....	1.25
1—No. 597 Special Valve Pin Plier.....	2.50
1—No. 197 Pliers, 7" Long Nosed at \$2.50	2.50
1—No. 49 Pliers, 9" Adjustable Side Joint at \$2.25	2.25
1—Set No. A-3, Three Way Gear Pullers	13.90
1—Set of 5 Snap-On Wheel Pullers (See illustration opposite).....	7.35
3—Blue Point Feeler Gauges at \$1.00..	3.00
	\$172.10

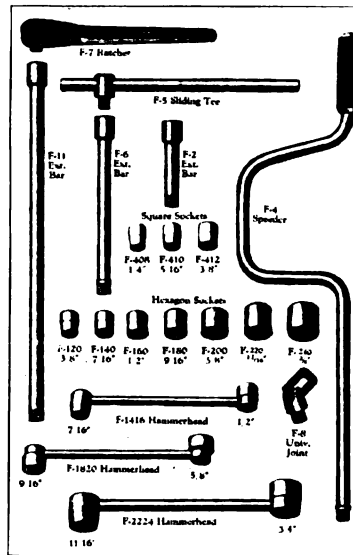
Special School Price, when sold as a Set—and for educational purposes only125.00

Quantity	Replacement Prices
1—Snap-On School Shop Tool Room Set.....	\$52.05
1—No. 69 Snap-On Ferret Set as illustrated.....	14.75
1—No. X-9 Set Boxocket Wrenches, as illustrated.....	16.80
1—Set Open End Wrenches (See Budget 3A).....	8.90
1—Set Tappet Wrenches (See Budget No. 3).....	7.80
1—No. 10 Pipe Wrench, 10".....	1.45
11—Screw Drivers, 3 No. 181 1/2; 3, No. 142; 3, No. X-144 and 2, No. 8.....	6.75
6—Hammers (See Budget No. 3-A).....	8.80
2—Blue Point Valve Grinders at \$3.85..	7.70
1—No. SR-16 Set Chisels and Punches, as illustrated.....	7.80



Snap-On Wheel Pullers, an improved and exceptionally efficient type of puller, simple in operation, made in 5 sizes for all popular makes of cars.

One Hundred Twenty-Five Dollars Alternative Budget No. 5-A



No. 69 Snap-On Ferret Set
Used—like the ferret—for going in after the hidden ones. An exclusive Snap-On design—makes quick, easy work of the many jobs in very cramped places on present day cars. Extremely thin-walled, shallow sockets and slender handles, but tremendously strong, made of Chrome Vanadium steel.

Quantity	Replacement Prices
12—School Shop Students' Sets at \$5.05.....	\$ 60.60
24—Additional Snap-On Wrench Units (See Budget No. 3).....	19.70
1—Set Open End Wrenches (See Budget No. 1)...	8.90
1—Set Tappet Wrenches (See Budget No. 3)...	7.80
11—Screw Drivers (See Budget No. 5).....	6.75
6—Hammers (See Budget No. 3-A).....	8.80
1—No. SR-16 Set Chisels and Punches, as illustrated opposite...	7.80
1—No. 69 Snap-On Ferret Set, as illustrated.....	14.75
1—No. 1-6 Set Ignition and Carburetor Wrenches—6 required sizes	3.60
1—Blue Point Valve Grinders at \$3.85..	3.85
1—No. 386 Diagonal Cutting Pliers.....	1.65
2—No. 197 Pliers, 7" Long Nosed at \$2.50.....	5.00
1—No. 49 Pliers, 9" Adjustable Side Joint.....	2.25
1—No. A-3 Set Three-Way Gear Pullers.....	13.90
	\$165.55

Special School Price, when sold as a Set—and for educational purposes only125.00

Genuine Snap-On Wrenches and Blue Point Tools can only be purchased through Sales Offices listed on page 187.

One Hundred Fifty Dollar Budget No. 6

This budget is based on the requirements of twenty students in a shop with an extensive project range. It is based on the School Shop Tool Room Set, together with additional Blue Point tools and also added socket wrenches to provide complete nut turning service.

Quantity	Replacement Prices
1—Snap-On School Shop Tool Room Set.....	\$ 52.05
1—No. 69 Snap-On Ferret Set, as illustrated.....	14.75
1—No. SW-1200 Set of Extra Thin, Straight Walled Hexagon Sockets, 12 sizes (See preceding page).....	6.25
1—No. 404 Set Snap-On Flexible Sockets, 5 most used sizes.....	7.50
1—No. BPR-8 Set Open End Wrenches (See Budget No. 1)....	6.90
1—No. BT-8 Tappet Wrenches (See Budget No. 3).....	7.80
2—Pipe Wrenches (See Budget No. 7).....	3.40
4—Diamond Adjustable Wrenches, 6" at \$0.65.....	2.60
4—Diamond Adjustable Wrenches, 8" at \$0.80.....	3.20
1—No. X-9 Set of 9 Boxocket Wrenches, as illustrated.....	16.80
11—Screw Drivers (See Budget No. 5).....	6.75
8—Hammers (See Budget No. 4).....	11.90
2—No. SR-16 Chisel and Punch Sets, 16 asstd. styles ea., at \$7.80.....	15.60
1—No. RB-10 Rivet Buster, 10".....	.90
1—No. 1658 Jimmy Bar, 16".....	1.25
2—Valve Grinders at \$3.85.....	7.70
5—Pliers (See Budget No. 5).....	12.00
2—Feeler Gauges at \$1.00.....	2.00
1—Set of 5 Snap-On Wheel Pullers (See Budget No. 5).....	7.35
1—No. 2-A Set Blue Point Two-Gear Pullers.....	13.30
	\$200.00

Special School Price, when sold as a Set—and for educational purposes only150.00

All prices are subject to change without notice.

When studying Budgets, Use Our Standard Catalog as a Guide

Motor Tool Specialty Company, 14 E. Jackson Blvd., Chicago

Motor Tool Specialty Company, Continued

One Hundred Fifty Dollar Alternative Budget No. 6-A

Quantity	Replacement Prices
20—Snap-On School Shop Students' Sets at \$5.05.....	\$101.00
24—Additional Snap-On Wrench Units (See Budget No. 3).....	19.70
1—No. X-9 Set Boxsocket Wrenches, as illustrated.....	16.80
1—Set Open End Wrenches (See Budget No. 3A).....	8.90
1—Set Tappet Wrenches (See Budget No. 3).....	7.80
16—Screw Drivers (See Budget No. 4).....	11.00
8—Hammers (See Budget No. 4).....	11.90
1—No. 597 Special Valve Pin Plier.....	2.50
1—Set No. SR-14 Chisels and Punches (See Budget No. 5).....	6.75
1—No. A-3 Set Blue Point Gear Pullers.....	13.90

Special School Price, when sold as a Set, and for educational purposes only..... \$200.25
150.00

Two Hundred Fifty Dollar Budget No. 7

This selection of tools is based on the use of the individual Socket Sets by students, with additional equipment designed to meet every situation calling for the use of a socket wrench. The Blue Point Tools included are as complete an assortment of hand tools as we believe necessary for the school shop.



No. BT-8 Tappet Wrench Set. A practical assortment of most popular sizes. Made to the specifications of expert mechanics.

Quantity	Replacement Prices
20—Snap-On School Shop Students' Sets, at \$5.05.....	\$101.00
Additional Snap-On Equipment	
1—No. SW-1200 Set of Extra Thin Straight Walled Hexagon Sockets, as illustrated.....	6.25
1—Set of 4 Spark Plug Sockets, Extra deep, sizes $\frac{7}{8}$ ", $1\frac{1}{8}$ ", and $1\frac{1}{4}$ ".....	4.30
9—Hexagon Sockets, large sizes, for use on standard handles, 3 each with $\frac{11}{16}$ ", $\frac{13}{16}$ " and 1" openings at \$0.50.....	4.50
1—No. 404 Set Flexible Sockets, 5 most used sizes.....	7.50
1—No. 900 Set Square Sockets (See Budget No. 3).....	3.70
1—Set Heavy Duty Hexagon Sockets (See Budget No. 3).....	5.15
1—No. 608 Set Drain Plug Sockets, complete range of 8 sizes.....	3.55
2—No. 1 Offset.....	2.00
2—No. 7 Ratchet.....	6.00
3—No. 3 Tees at \$1.00.....	3.00
3—No. K-4 Speeders, 19" at \$1.35.....	4.05



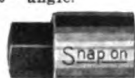
No. 55 Snap-On Midget Set
This little set contains 6 hexagon sockets with openings from $\frac{1}{4}$ " to $\frac{7}{16}$ ", 2 square sockets, $\frac{1}{4}$ " and $\frac{5}{16}$ " with a speeder tee and sliding tee and offset handle. Handy wrenches for the smallest nuts and bolts on ignition, carburetor, radio and all small electrical bench work.

1—No. LTP-4, Set of 4 Long Tapered Punches.....	2.45
1—No. RA-4 Set Right Angle Wrenches.....	4.40
1—No. 1-6 Set of 6 Ignition and Carburetor Wrenches.....	3.60
1—No. 10 Pipe Wrench, 10".....	1.45
1—No. 14 Pipe Wrench, 14".....	1.95
2—No. 4 Adjustable Wrenches, 4" at \$0.65.....	1.30
8—No. 6 Adjustable Wrenches, 6" at \$0.65.....	5.20
2—No. 8 Adjustable Wrenches, 8" at \$0.80.....	1.60
1—No. A-1 Set Gear Pullers, 2-Way and 3-Way hook-ups, as illustrated.....	17.40
1—No. 27 7" Special Thin Nose Pliers.....	1.75
	\$333.15

Special School Price, when sold as a Set—and for educational purposes only..... 250.00



Snap-On Flexible Sockets
Work freely at nearly a 90° angle.



Crank Case Drain Plug Sockets

Make quick work of oil draining jobs on cars having drain plugs with square female openings. Made with square male ends in 8 required sizes. No. 608 Set includes all 8 sizes.

Two Hundred Fifty Dollar Alternative Budget No. 7-A

Quantity	Replacement Prices
1—School Shop Tool Room Set.....	\$ 52.05
Additional Snap-On Equipment	
1—No. 7 Ratchet.....	3.00
2—No. 10 Hinged Offset and Tee Handles.....	5.00
1—No. HD-1 Adaptor.....	.50
1—No. DH-1000 Set Double Broached Hex. Sockets, 10 sizes, $\frac{1}{4}$ " to $\frac{1}{2}$ ", as illustrated opposite Budget No. 3-A.....	3.95
1—No. SW-1200 Set Extra Thin Straight Walled Sockets, 12 sizes, $\frac{1}{4}$ " to 1", as illustrated opposite Budget No. 2.....	6.25
1—No. V-21 Snap-on Valve Clearance Adjusting Tool, with 3 Sockets.....	2.50
1—Set of 4 Extra Deep Spark Plug Sockets, $\frac{7}{8}$ ", $1\frac{1}{8}$ ", 1" and $1\frac{1}{4}$ " double broached hex. openings.....	4.30
1—No. 404 Set Flexible Sockets, 5 sizes (See illustration).....	7.50
4—No. S-9001 Ford Connecting Rod Sockets at \$0.50.....	2.00
2—No. A-16 Wing Nut Sockets.....	1.50
2—No. A-17 — Drag Link Adjusting Sockets, 1" blade, at \$0.60.....	1.20
1—No. 608 Set Drain Plug Sockets, 8 sizes, as illustrated.....	3.55
1—No. 69 Ferret Sets, as illustrated.....	14.75
2—No. F-2224 Ferret Hammerhead Wrench— $\frac{11}{16}$ " and $\frac{13}{16}$ " openings.....	2.20
2—No. F-8 Ferret Universal Joints.....	3.00
1—No. 55 Midget Wrench Set, as illustrated.....	2.75
Blue Point Tools	
1—No. XS-5 Set Dwarf Boxsocket Wrenches.....	6.15
2—Sets No. X-9 Boxsocket Wrenches at \$16.80, as illustrated.....	33.60
3—No. BPR-8 Sets Open End Wrenches at \$6.90 (See Budget No. 1).....	20.70
2—No. BT-8 Sets Tappet Wrenches at \$7.80, as illustrated.....	15.60
2—No. RA-4 Sets, Right Angle Wrenches, as illustrated.....	8.80



Complete No. A-1 Set of Blue Point Gear Pullers. Both 2-way and 3-way hook-ups. Handle more jobs efficiently than any other gear pullers made.

Spraker Valve Seat Reamer Set. Renewable blades—like a safety razor. No resharpening—very economical and efficient.



Vacuum Grip Pliers
Forged from special electric furnace tool steel and Swedish steel. Individually hardened and tempered in oil. Will stand up under severest strain without springing jaws. Guaranteed without restriction to give satisfactory service. Made in all styles.

1—No. I-8 Set of 8 Double End Midget Ignition Wrenches.....	4.80
2—No. 10 Pipe Wrenches, 10" size, at \$1.45.....	2.90
1—No. 14 Pipe Wrench, 14" size.....	1.95
1—No. E-10 Pipe Wrench, end type.....	1.45
2—No. 10 Diamond, Adjustable Wrenches, 10", at \$1.00.....	2.00
2—No. SR-16 Sets Chisels and Punches, providing 32 assorted sizes and styles.....	15.60
2—No. 1832 Long Flat Chisels, 18", at \$1.85.....	3.70
2—No. RB-10 Rivet Busters at \$0.90.....	1.80
2—Jimmy Bars at \$1.25.....	2.50
16—Screw Drivers (See Budget No. 4).....	11.00
8—Hammers (See Budget No. 4).....	11.90
1—No. A-1 Set Gear Pullers, illustrated.....	17.40
5—Snap-On Wheel Pullers (See Budget No. 5).....	7.35
5—Blue Point Feeler Gauges at \$1.00.....	5.00
1—No. 1 Set Spraker Valve Seat Reamers, as illustrated.....	25.00
2—Blue Point Valve Grinders at \$3.85.....	7.70
1—Snap-On Stud Remover.....	1.25
2—No. 597 Special Valve Pin Pliers at \$2.50.....	5.00
1—No. 197 Needle Nose Pliers, with cutter, 7" length.....	2.50
1—No. 49 Adjustable Side Joint Pliers, Heavy Duty pattern, 9".....	2.25
	\$333.90

Special School Price, when sold as a Set—and for educational purposes only..... 250.00

Additional Budget will be supplied upon request.

In studying budgets, use our standard catalog as a guide.

Genuine Snap-On Wrenches and Blue Point Tools can only be purchased through Sales Offices listed on page 187.

Motor Tool Specialty Company, 14 E. Jackson Blvd., Chicago